SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Lacolene Super

Recommended use of the chemical and restrictions on use
Recommended use: Solvent.

Manufacturer or supplier’s details
Company: Nexeo Solutions, LLC.
Address: 3 Waterway Square Place Suite 1000
The Woodlands, TX. 77380
United States of America

Emergency telephone number:
Health North America: 1-855-NEXEO4U (1-855-639-3648)
Health International: 1-855-NEXEO4U (1-855-639-3648)
Transport North America: CHEMTREC (1-800-424-9300)

Additional Information:
Responsible Party: Product Safety Group
E-Mail: msds@nexeosolutions.com
SDS Requests: 1-855-429-2661
SDS Requests Fax: 1-281-500-2370
Website: www.nexeosolutions.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Flammable liquids: Category 2
Skin irritation: Category 2
Reproductive toxicity: Category 2
Specific target organ toxicity - single exposure: Category 3 (Central nervous system)
Specific target organ toxicity - repeated exposure (Inhalation): Category 2 (Auditory system, Eyes)
Aspiration hazard: Category 1

GHS Label element
Hazard pictograms:

Signal word: Danger
Hazard statements: H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
Precautionary statements:

**Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

**Disposal:**
P501 Dispose of contents/container to an approved waste disposal plant.

**Other hazards**
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture
Safety Data Sheet
Lacolene Super

Version 1.0  Revision Date: 11/29/2016

Hazardous components

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>68410-97-9 /</td>
<td>Distillates, pet, It dist hydrotreat process, low-boil AND/OR Naphtha (pet),</td>
<td>90 - 100</td>
</tr>
<tr>
<td>64742-49-0 /</td>
<td>hydrotreated It AND/OR Solvent naphtha (pet), lt aliph.</td>
<td></td>
</tr>
<tr>
<td>64742-89-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>142-82-5</td>
<td><strong>Heptane</strong></td>
<td>20 - 30</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>5 - 10</td>
</tr>
<tr>
<td>110-82-7</td>
<td><strong>Cyclohexane</strong></td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Any Concentration shown as a range is due to batch variation.

Special Notes: ** Other substances in the product which may present a health or environmental hazard.

SECTION 4. FIRST AID MEASURES

General advice
Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.

If inhaled
Consult a physician after significant exposure.
If unconscious place in recovery position and seek medical advice.

In case of skin contact
If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact
Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed
Keep respiratory tract clear.
Do not induce vomiting without medical advice.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media
Alcohol-resistant foam
Carbon dioxide (CO2)
Dry chemical

Unsuitable extinguishing media
High volume water jet
Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: Carbon oxides
Unburned hydrocarbons

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion: Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage: No smoking.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Components</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>68410-97-9 / 64742-49-0 / 64742-89-8</td>
<td>Distillates, pet, dist hydrotreat process, low-boil AND/OR Naphtha (pet), hydrotreated It AND/OR Solvent naphtha (pet), It aliph.</td>
<td>TWA</td>
<td>500 ppm 2,000 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm 1,600 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>142-82-5</td>
<td>**Heptane</td>
<td>TWA</td>
<td>85 ppm 350 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>440 ppm 1,800 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>500 ppm 2,000 mg/m3</td>
<td>OSHA Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm 1,600 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>500 ppm 2,000 mg/m3</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>400 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>500 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>TWA</td>
<td>20 ppm</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm 375 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST</td>
<td>150 ppm 560 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm</td>
<td>OSHA Z-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CEIL</td>
<td>300 ppm</td>
<td>OSHA Z-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak</td>
<td>500 ppm</td>
<td>OSHA Z-2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm 375 mg/m3</td>
<td>OSHA P0</td>
</tr>
</tbody>
</table>
Safety Data Sheet
Lacolene Super

Revision Date: 11/29/2016

**Cyclohexane

<table>
<thead>
<tr>
<th>STEL</th>
<th>150 ppm</th>
<th>OSHA P0</th>
</tr>
</thead>
<tbody>
<tr>
<td>560 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Chemical Identity and Physical Properties**

**Appearance**: liquid

**Colour**: Clear, Colorless

**Odour**: characteristic

**Odour Threshold**: No data available

**pH**: No data available

**Freezing Point**: No data available

**Personal protective equipment**

Respiratory protection: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

**Remarks**: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection: Eye wash bottle with pure water

Tightly fitting safety goggles

Skin and body protection: Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**: liquid

**Colour**: Clear, Colorless

**Odour**: characteristic

**Odour Threshold**: No data available

**pH**: No data available

**Freezing Point**: No data available
**Safety Data Sheet**

**Lacolene Super**

**Version 1.0**

**Revision Date:** 11/29/2016

---

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>4.44 °C (39.99 °F) Method: Tag closed cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>1 Ethyl Ether</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>&gt; 1 @ 20 - 25 °C (68 - 77 °F)</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.742 @ 25 °C (77 °F) Reference substance: (water = 1)</td>
</tr>
<tr>
<td>Density</td>
<td>0.742 g/cm3 @ 25 °C (77 °F)</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
</tr>
</tbody>
</table>

---

**SECTION 10. STABILITY AND REACTIVITY**

- **Reactivity**: No dangerous reaction known under conditions of normal use.
- **Chemical stability**: Stable under normal conditions.
- **Possibility of hazardous reactions**: Vapours may form explosive mixture with air.
- **Conditions to avoid**: Keep away from heat, flame, sparks and other ignition sources.
- **Incompatible materials**: Acids, Bases, Oxidizing agents.
SECTION 11. TOXICOLOGICAL INFORMATION

Skin corrosion/irritation

Components:
68410-97-9 / 64742-49-0 / 64742-89-8:
Species: Rabbit
Exposure time: 4 h
Result: Irritating to skin.

108-88-3:
Species: Rabbit
Exposure time: 4 h
Result: Irritating to skin.

Serious eye damage/eye irritation

Components:

108-88-3:
Species: Rabbit
Result: Irritating to eyes.

Germ cell mutagenicity

Components:
68410-97-9 / 64742-49-0 / 64742-89-8:
Germ cell mutagenicity - Assessment: Mutagenicity classification not possible from current data

108-88-3:
Germ cell mutagenicity - Assessment: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Carcinogenicity

Components:
68410-97-9 / 64742-49-0 / 64742-89-8:
Carcinogenicity - Assessment: Not classifiable as a human carcinogen.

108-88-3:
Carcinogenicity - Assessment: No evidence of carcinogenicity in animal studies.

IARC
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcino-
NTP  No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH  No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity

Components:
68410-97-9 / 64742-49-0 / 64742-89-8:
Reproductive toxicity - Assessment  Some evidence of adverse effects on sexual function and fertility, based on animal experiments.

Teratogenicity - Assessment  Embryotoxicity classification not possible from current data.

108-88-3:
Effects on foetal development  Species: Rat
Application Route: inhalation (vapour)
Dose: 0, 250, 750, 1500, 3000 ppm
Duration of Single Treatment: 10 d
Frequency of Treatment: 6 hr/day
General Toxicity Maternal: NOAEC: 750 ppm
Developmental Toxicity: NOAEC: 750 ppm
Symptoms: Maternal toxicity, Reduced body weight, Skeletal malformations

Teratogenicity - Assessment  Some evidence of adverse effects on development, based on animal experiments.

Reproductive toxicity - Assessment  No toxicity to reproduction

STOT - single exposure

Components:
68410-97-9 / 64742-49-0 / 64742-89-8:
Target Organs: Central nervous system
Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

108-88-3:
Exposure routes: Inhalation
Target Organs: Central nervous system
Assessment: May cause drowsiness or dizziness. The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.
STOT - repeated exposure

**Components:**

108-88-3:
Exposure routes: Inhalation
Target Organs: Auditory system, Eyes
Assessment: May cause damage to organs through prolonged or repeated exposure. The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity

**Components:**

68410-97-9 / 64742-49-0 / 64742-89-8:
May be fatal if swallowed and enters airways.

108-88-3:
May be fatal if swallowed and enters airways.

Further information

**Product:**
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Concentrations substantially above the TLV value may cause narcotic effects.
Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

**Components:**

68410-97-9 / 64742-49-0 / 64742-89-8:
Toxicity to fish:
LC50 (Oncorhynchus mykiss (rainbow trout)): 10 mg/l
Exposure time: 96 h

LC50 (Oncorhynchus mykiss (rainbow trout)): 8.2 mg/l
Exposure time: 96 h
Test Type: semi-static test

LC50 (Pimephales promelas (fathead minnow)): 8.2 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:
EC50 (Daphnia magna (Water flea)): 4.5 mg/l
Exposure time: 48 h
Test Type: Immobilization

Toxicity to algae:
EC50 (Pseudokirchneriella subcapitata (green algae)): 3.1 mg/l
Exposure time: 72 h

EC50 (Pseudokirchneriella subcapitata (green algae)): 3.7 mg/l
Safety Data Sheet  
Lacolene Super  

mg/l  
Exposure time: 96 h  
Test Type: static test  

Toxicity to fish (Chronic toxicity): NOELR (Pimephales promelas (fathead minnow)): 2.6 mg/l  
Exposure time: 14 d  

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): NOELR (Daphnia magna (Water flea)): 2.6 mg/l  
Exposure time: 21 d  

Chronic aquatic toxicity- Assessment: Toxic to aquatic life with long lasting effects.  

108-88-3:  
Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 5.5 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  

Toxicity to daphnia and other aquatic invertebrates: LC50 (Ceriodaphnia dubia): 3.78 mg/l  
Exposure time: 48 h  
Test Type: Renewal  

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): NOEC: 0.74 mg/l  
Exposure time: 7 d  

Acute aquatic toxicity- Assessment: Toxic to aquatic life.  

Chronic aquatic toxicity- Assessment: Harmful to aquatic life with long lasting effects.  

Persistence and degradability  
No data available  

Bioaccumulative potential  

Components:  
68410-97-9 / 64742-49-0 / 64742-89-8:  
Partition coefficient: n-octanol/water: log Pow: 2.13 - 4.85 (25 °C)  

108-88-3:  
Partition coefficient: n-octanol/water: log Pow: 2.73 (20 °C)  

pH: 7  

Mobility in soil  
No data available  

Other adverse effects  

Product:
Safety Data Sheet
Lacolene Super

Version 1.0
Revision Date: 11/29/2016

Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: Dispose of in accordance with all applicable local, state and federal regulations.
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

DOT (Department of Transportation): UN1268, PETROLEUM DISTILLATES, N.O.S., 3, II, Marine Pollutant (MIXTURE OF PETROLEUM DISTILLATES)

IATA (International Air Transport Association): UN1268, PETROLEUM DISTILLATES, N.O.S., 3, II


SECTION 15. REGULATORY INFORMATION

WHMIS Classification: B2: Flammable liquid
D2A: Very Toxic Material Causing Other Toxic Effects
D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity
Safety Data Sheet
Lacolene Super

Version 1.0
Revision Date: 11/29/2016

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
<th>Calculated product RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>1000</td>
<td>16046</td>
</tr>
<tr>
<td><strong>Cyclohexane</strong></td>
<td>110-82-7</td>
<td>1000</td>
<td>69281</td>
</tr>
</tbody>
</table>

### SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

### SARA 311/312 Hazards
- Fire Hazard
- Immediate (Acute) Health Hazard
- Chronic (Delayed) Health Hazard

### SARA 302
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313
The following components are subject to reporting levels established by SARA Title III, Section 313:
- 108-88-3 Toluene
- 110-82-7 **Cyclohexane

### Clean Air Act
The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):
- 108-88-3 Toluene
- 110-82-7 **Cyclohexane

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
- 108-88-3 Toluene
- 110-82-7 **Cyclohexane

### Clean Water Act
The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:
- 108-88-3 Toluene
- 110-82-7 **Cyclohexane
- 100-41-4 Ethylbenzene
- 71-43-2 Benzene

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:
- 108-88-3 Toluene
- 110-82-7 **Cyclohexane
- 100-41-4 Ethylbenzene
- 71-43-2 Benzene

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307:
- 108-88-3 Toluene

### US State Regulations

#### Massachusetts Right To Know
- 142-82-5 **Heptane 20 - 30 %
- 108-88-3 Toluene 5 - 10 %
- 110-82-7 **Cyclohexane 1 - 5 %
- 71-43-2 Benzene 0 - 0.1 %

#### Pennsylvania Right To Know
Distillates, pet, It dist hydrotreat process, 90 - 100 %
low-boil AND/OR Naphtha (pet), hy-
drotreated lt AND/OR Solvent naphtha (pet), It aliph.
**Heptane 20 - 30 %
Toluene 5 - 10 %
**Cyclohexane 1 - 5 %

**Heptane 20 - 30 %
Toluene 5 - 10 %
**Cyclohexane 1 - 5 %

**Heptane 20 - 30 %
Toluene 5 - 10 %
**Cyclohexane 1 - 5 %

ETHYLENETHYL ETHER (pet), It aliph.

WARNING! This product contains a chemical known to the State of California to cause cancer.

Ethylbenzene
Benzene
Cumene

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Toluene
Benzene

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL

AICS : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PHIL : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory
SECTION 16. OTHER INFORMATION

**NFPA:**

- **Flammability:** 3
- **Health:** 3
- **Special hazard:** 0

**HMIS III:**

- **HEALTH:** 3*
- **FLAMMABILITY:** 3
- **PHYSICAL HAZARD:** 0

*0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic*

The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO™ Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.

**Revision Date:** 11/29/2016

**Legacy SDS:** 100000016658

**Material number:**
16020221, 505045, 621702, 604578, 102417, 69667, 20108, 20107, 20106

---

**Key or legend to abbreviations and acronyms used in the safety data sheet**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Government Industrial Hygienists</td>
</tr>
<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Agency</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>NZIoC</td>
<td>New Zealand Inventory of Chemicals</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observable Adverse Effect Level</td>
</tr>
<tr>
<td>NOEC</td>
<td>No Observed Effect Concentration</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>PICCS</td>
<td>Philippines Inventory of Commercial Chemical Substances</td>
</tr>
</tbody>
</table>

**SDS Number:** 100000026714
### MAK
Germany Maximum Concentration Values

### GHS
Globally Harmonized System

### >=
Greater Than or Equal To

### IC50
Inhibition Concentration 50%

### IARC
International Agency for Research on Cancer

### IECSC
Inventory of Existing Chemical Substances in China

### ENCS
Japan, Inventory of Existing and New Chemical Substances

### KECI
Korea, Existing Chemical Inventory

### <=
Less Than or Equal To

### LC50
Lethal Concentration 50%

### PRNT
Presumed Not Toxic

### RCRA
Resource Conservation Recovery Act

### STEL
Short-term Exposure Limit

### SARA
Superfund Amendments and Reauthorization Act

### TLV
Threshold Limit Value

### TWA
Time Weighted Average

### TSCA
Toxic Substance Control Act

### UVCB
Unknown or Variable Composition, Complex Reaction Products, and Biological Materials

### WHMIS
Workplace Hazardous Materials Information System

### LC50
Lethal Concentration 50%